

020604 16569 U.S. PTO

**UTILITY  
PATENT APPLICATION  
TRANSMISSION**

Our Docket No.: A-  
72099/RMA/JML

Date:  
FEBRUARY 6, 2004

First Named Inventor: CHO

Title: Reconfigurable analog baseband for a single-chip  
dual-mode transceiver

Express Mail No.: EV 442861660 US

ADDRESS TO:

**Mail Stop NEW PATENT APPLICATION**

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

22141 U.S. PTO  
10/773609 020604

**APPLICATION ELEMENTS**

1. ☒ Fee Calculation Sheet  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status
3. ☒ Specification Total Pages: 13
- ☒ Descriptive title of the invention
- ☒ Cross References to Related Applications
- ☐ Statement Regarding Fed. Sponsored R&D
- ☐ Reference to Microfiche Appendix
- ☒ Background of the Invention
- ☒ Brief Summary of the Invention
- ☒ Brief Description of the Drawings
- ☒ Detailed Description
- ☒ Claims
- ☒ Abstract of the Disclosure
4. ☒ Drawings (35 U.S.C. 113) Total Sheets: 3
5. ☒ Oath or Declaration Total Pages: 1
- a. ☒ Newly Executed (original or copy)
- b. ☐ Copy from a prior application (37 C.F.R. 1.63(d)) (for continuation/divisional with Box 19 completed)
1. ☐ **DELETION OF INVENTORS**  
Signed statement attached deleting  
inventor(s) named in the prior application  
(37 C.F.R. 1.63(d)(2) and 1.33(b))
6. ☒ Application Data Sheet (37.C.F.R. 1.76)

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(If applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. ☐ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statement verifying identify of above copies

**ACCOMPANYING APPLICATION PARTS**

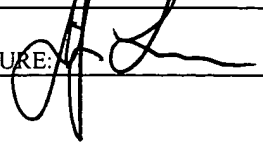
9. ☐ Certification Under 35 U.S.C. 122(b)(2)(B)(i)
10. ☐ Assignment Papers (cover sheet & document(s))
11. ☐ 37 C.F.R. 3.73(b) Submission
12. ☐ Power of Attorney
13. ☐ English Translation Document (if applicable)
14. ☐ Information Disclosure Statement  
(with Copies of Citations as necessary)
15. ☐ Preliminary Amendment Total Pages:
16. ☒ Return Receipt Postcard  
(Should be specifically itemized)
17. ☐ Certified Copy of Priority document(s)  
(if foreign priority is claimed)
18. ☐ Other

19. **If a CONTINUING APPLICATION**, check appropriate box and supply the requisite information:
- ☐ Continuation ☐ Division ☐ Continuation-in-part (CIP)

☒ Claims the benefit of prior Provisional Application No.: 60/445,683 filed February 7, 2003

For continuation or divisional applications: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference

**CORRESPONDENCE ADDRESS**

|           |   |   |
|-----------|---|---|
| ATTY NAME | Jennifer M. Lane, Patent Agent, Reg. No. 51,916<br>for R. Michael Ananian, Reg. No. 35,050            | DATE:<br>FEBRUARY 6, 2004   |
| ADDRESS   | DORSEY & WHITNEY LLP<br>Four Embarcadero Center<br>Suite 3400<br>San Francisco, California 94111-4187 | SIGNATURE: <br>Customer Number: 32940 |
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# APPLICATION FEE TRANSMITTAL SHEET (FY 2004)

## Complete if Known

|                      |                  |
|----------------------|------------------|
| Application No.      | Not yet assigned |
| Filing Date          | FEBRUARY 6, 2004 |
| First Named Inventor | Thomas CHO       |
| Group Art Unit       | Not yet assigned |
| Examiner Name        | Not yet assigned |
| Atty. Docket Number  | A-72099/RMA/JML  |

## METHOD OF PAYMENT (Check One)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account No.: 50-2319

Deposit Account Name: DORSEY & WHITNEY LLP

☒ Charge any additional fee required under 37 C.F.R. 1.16 and 1.17

☒ Applicant claims small entity status (see 37 C.F.R. 1.27)

2. ☒ Check Enclosed

## FEE CALCULATION

## 1. BASIC FILING FEE

| Large Entity Fee    | Small Entity Fee | Fee Description  |
|---------------------|------------------|--|
| 160                 | 80               | <input type="checkbox"/> Provisional Filing Fee        |
| 770                 | 385              | <input checked="" type="checkbox"/> Utility Filing Fee |
| 340                 | 170              | <input type="checkbox"/> Design Filing Fee             |
| 770                 | 385              | <input type="checkbox"/> Reissue Filing Fee            |
| <b>Subtotal (1)</b> |                  | <b>385</b>   |

## 2. EXTRA\* CLAIM FEES

|                           | Number Claims | Extra        | Fee from Below* | Fee Paid |
|---------------------------|---------------|--------------|-----------------|----------|
| Total                     | 25            | - 20 = 5     | x \$9           | = \$45   |
| Indep.                    | 6             | - 3 = 3      | x \$43          | = \$129  |
| Multiple Dependent Claims | =             | x            | \$145           | =        |
| <b>Subtotal (2)</b>       |               | <b>\$174</b> |                 |          |

## \*Calculation of Extra Claim Fees

| Large Entity Fee | Small Entity Fee | Fee Description   |
|------------------|------------------|---|
| 18               | 9                | Claims in excess of 20                                  |
| 86               | 43               | Independent claims in excess of 3                       |
| 290              | 145              | Multiple dependent Claim                                |
| 84               | 42               | Reissue independent claims over original patent         |
| 18               | 9                | Reissue claims in excess of 20 and over original patent |

## FEE CALCULATION (Continued)

## 3. ADDITIONAL FEES

| Large Entity Fee | Small Entity Fee | Fee Description  | Fee paid |
|------------------|------------------|--|----------|
| 50               | 25               | Surcharge - late provisional filing fee or cover sheet                     |          |
| 130              | 65               | Surcharge - Late nonprovisional filing fee or oath                         |          |
| 180              | 180              | Submission of IDS  |          |
| 40               | 40               | Recording each patent assignment per property (times number of properties) |          |
| 110              | 55               | Extension for reply within first month                                     |          |
| 420              | 210              | Extension for reply within second month                                    |          |
| 950              | 475              | Extension for reply within third month                                     |          |
| 1,480            | 740              | Extension for reply within fourth month                                    |          |
| 2010             | 1005             | Extension for reply within fifth month                                     |          |
| 770              | 385              | Submission After Final 1.129   |          |
| 330              | 165              | Notice of Appeal   |          |
| 330              | 165              | Filing a brief in support of an appeal                                     |          |
| 290              | 145              | Request for oral hearing   |          |
| 110              | 55               | Terminal Disclaimer Fee  |          |
| 130              | 130              | Petitions to the Commissioner  |          |
| 50               | 50               | Petitions related to provisional applications                              |          |
| 1,330            | 665              | Utility/Reissue Issue Fee (including advance copies)                       |          |
| 480              | 240              | Design Issue Fee (inc. advance copies)                                     |          |
| 770              | 385              | Request for Continued Examination (RCE)                                    |          |
| 300              | 300              | Publication fee for early, voluntary, or normal publication                |          |
| 300              | 300              | Publication fee for re-publication   |          |
| 110              | 55               | Petition to Revive - unavoidable   |          |
| 1,330            | 665              | Petition to Revive - unintentional   |          |

OTHER FEE (specify):

## Subtotal (3)

Total Amount of Payment: \$559

## Submitted by:

|                      |   |                         |
|----------------------|---|-------------------------|
| Name:                | Jennifer M. Lane, Patent Agent, Reg. No. 51,916, for R. Michael Ananian/Reg. No. 35,050 | Telephone: 415 781 1989 |
| DORSEY & WHITNEY LLP | Four Embarcadero Center, Suite 3400<br>San Francisco, California 94111-4187             | Customer Number 32940   |
| Signature:           |   | Date: FEBRUARY 6, 2004  |